

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|---------|---------------------|
| S1 | 1 | "20030171246".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 11:50 |
| S2 | 50 | {"20070197729" "20040259982" "20050119409" "20050131178" "20050137318" "20050154160" "20050159321" "20050181204" "20050192408" "20060024610" "20060057465" "20060155044" "20060205880" "20070032572" "20070101510" "20070161537" "20070172866" "20070185245" "20070249774" "20070262290" "20070299220" "20080021130" "20080064804" "20080132564" "20080171162" "20080171169" "20080206536" "20080255295" "4894414" "5240993" "5270387" "6323279" "6492473" "6582795" "6727319" "6815500" "6828395" "6951903" "6988022" "7186778" "20030040558" "20030092837" "20030119986" "20030236350" "20040254308" "20050267267" "20060069210" "20070015605" "20070155892" "20070193643").pn. | US-PGPUB; USPAT | OR | ON | 2008/12/01 14:47 |
| S3 | 11 | ((NORWIN) near2 (WOLFF)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 14:49 |
| S4 | 176 | ((TIMOTHY) near2 (MARTIN)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 14:49 |
| S5 | 1 | ((THOMAS) near2 (HIFF)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 14:49 |
| S6 | 18 | {"20030171246" "3145147" "4177178" "4223009" "4501834" "4521404" "4796646" "5009880" "5068099" "5126124" "5441728" "5501851" "5686062" "5723113" "5948396" "5980878" "5998500" "6482394").PN. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 14:57 |
| S7 | 1 | "4796646".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:16 |
| S8 | 1 | "20030171246".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:20 |
| S9 | 1 | "5998500".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:21 |
| S10 | 1 | "6482394".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:23 |
| S11 | 1 | "4501834".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:25 |
| S12 | 2 | interpolymer.as. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:26 |
| S13 | 0 | ((interpolymer corp).as. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:55 |
| S14 | 2 | ((interpolymer corporation).as. | US-PGPUB; USPAT | ADJ | ON | 2008/12/01 15:56 |

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|-----|--------|--------------------------------------------------|------------------------------|-----|----|---------------------|
| S15 | 2 | "2383660".pn. | EPO; DERWENT | ADJ | ON | 2008/12/01 16:07 |
| S16 | 3 | ("4009256" "4638822" "5879669").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/02 12:03 |
| S17 | 13 | ("5879669").URPN. | USPAT | ADJ | ON | 2008/12/02 12:05 |
| S18 | 1 | "4240450".pn. | USPAT | ADJ | ON | 2008/12/02 12:06 |
| S19 | 877 | 525/191.ccls. | USPAT | ADJ | ON | 2008/12/02 13:54 |
| S20 | 160 | 523/124.ccls. | USPAT | ADJ | ON | 2008/12/02 13:54 |
| S21 | 2482 | (424/47,70.11,70.15,70.16,70.22,70.29).ccls. | USPAT | ADJ | ON | 2008/12/02 13:55 |
| S22 | 683 | 55/528.ccls. | USPAT | ADJ | ON | 2008/12/02 13:55 |
| S23 | 1172 | 510/475.ccls. | USPAT | ADJ | ON | 2008/12/02 13:56 |
| S24 | 213 | 524/28.ccls. | USPAT | ADJ | ON | 2008/12/02 13:56 |
| S25 | 1655 | (525/71,66).ccls. | USPAT | ADJ | ON | 2008/12/02 13:57 |
| S26 | 1489 | interpenetrating adj polymer | USPAT | ADJ | ON | 2008/12/02 13:59 |
| S27 | 9 | S26 and S19 | USPAT | ADJ | ON | 2008/12/02 13:59 |
| S28 | 1 | S26 and S20 | USPAT | ADJ | ON | 2008/12/02 14:00 |
| S29 | 7 | S26 and S21 | USPAT | ADJ | ON | 2008/12/02 14:00 |
| S30 | 2 | S26 and S22 | USPAT | ADJ | ON | 2008/12/02 14:00 |
| S31 | 0 | S26 and S23 | USPAT | ADJ | ON | 2008/12/02 14:00 |
| S32 | 2 | S26 and S24 | USPAT | ADJ | ON | 2008/12/02 14:00 |
| S33 | 18 | S26 and S25 | USPAT | ADJ | ON | 2008/12/02 14:00 |
| S34 | 120103 | hair or nail or (personal adj care) or keratin\$ | USPAT | ADJ | ON | 2008/12/02 14:02 |

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|-----|-------|----------------------------------------------------|--------------------|-----|----|---------------------|
| S35 | 113 | S26 and S34 | USPAT | ADJ | ON | 2008/12/02 14:02 |
| S36 | 27 | bimodal and S26 | USPAT | ADJ | ON | 2008/12/02 14:03 |
| S37 | 12973 | basf.as. | USPAT | ADJ | ON | 2008/12/02 14:04 |
| S38 | 13 | S26 and S37 | USPAT | ADJ | ON | 2008/12/02 14:04 |
| S39 | 422 | S34 and S37 | USPAT | ADJ | ON | 2008/12/02 14:06 |
| S40 | 3 | bimodal and S39 | USPAT | ADJ | ON | 2008/12/02 14:06 |
| S41 | 13 | ((NORWIN) near2 (WOLFF)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:54 |
| S42 | 199 | ((TIMOTHY) near2 (MARTIN)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:54 |
| S43 | 2 | ((THOMAS) near2 (HIFF)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:54 |
| S44 | 3 | ((interpolymer).as. | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:54 |
| S45 | 4533 | ((interpenetrating adj polymer adj network) or IPN | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:57 |
| S46 | 2 | S45 and S42 | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:57 |
| S47 | 2500 | ((424/47,70.11,70.15,70.16,70.22,70.29).ccls. | USPAT | ADJ | ON | 2009/06/25 09:57 |
| S48 | 7 | S47 and S45 | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:57 |
| S49 | 1662 | ((525/71,66).ccls. | USPAT | ADJ | ON | 2009/06/25 09:58 |
| S50 | 17 | S49 and S45 | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 09:58 |
| S52 | 1 | "5391802".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 10:52 |
| S53 | 1 | "4212774".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/06/25 12:00 |
| S54 | 1 | "20070197729".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/11/30 14:04 |
| S55 | 1 | "20080064797".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/11/30 17:36 |

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| S56 | 4358 | ((424/70.122,70.12,70.11,70.15,70.16,70.22,70.21,60.27,70.28,70.31).cls. | US-PGPUB; USPAT | ADJ | ON | 2009/11/30 18:39 |
| S57 | 56 | :anion\$5 and cation\$5 and hair and ((interpenetrating polymer network) or ipn) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/11/30 18:41 |
| S58 | 1 | "5948396".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/11/30 18:49 |
| S59 | 16 | ((3726288" "3927199" "3958581" "3981987" "4165367" "4192861" "4196190" "4933170" "5068099" "5126124" "5160729" "5304368").PN. OR ("5948396").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/11/30 18:50 |
| S60 | 27 | :anion\$5 and cation\$5 and ((hair fixative) or shampoo or (hair spray)) and ((interpenetrating polymer network) or ipn) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/11/30 19:02 |

EAST Search History (Interference)

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12/1/2009 3:34:37 PM

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